

Redbud Demonstration Hand-Out

Redbud Login Page

[REDBUD LOGIN PAGE](#) [Help with this page](#)

User ID

Password



[DEQ Contact Info](#)

Redbud Video Training Modules

Welcome to Redbud, your online tool for reporting emissions inventories.

2015 emissions inventories may be submitted through April 1, 2016. Thereafter, Redbud will be available for viewing only of 2015 emission inventories. If you have questions regarding your inventory, please email or call us [here](#).

Company Page

[Logout](#) [DEQ Contact Info](#)
[Help with this page](#)

COMPANY INFO AND FACILITIES

ID: Name:

Street: City: State: Zip:

Phone: Fax:

[Emissions Inventory General Instructions](#)
[Redbud Online Help](#)

Select Facility to Edit:

- ABC FACILITY 9015
- ABC FACILITY 90151

Inventory Submittal Status

Inventory is incomplete

After all 2015 data has been entered, it must be verified as complete before proceeding.

Facility Page

[Company >](#) [Help with this page](#)

ABC MANUFACTURING

FACILITY: Facility ID: Status: Active

Street: City: State: Zip: Phone:

NAICS: Memo from DEQ:

SIC:

TRI ID: Memo from Facility:

County: Latitude(N+):

Subsection: Section: Longitude(W-):

Township: Range:

Facility Emission Units:

Select to edit

This Facility has no Points

Facility Permits:

This Facility has no Permits

Facility Page

Company > **ABC MANUFACTURING** [Help with this page](#)
[Logout](#)

FACILITY ABC FACILITY 9015 Facility ID 90151 Status Active

Street 1234 W 5TH City ANYTOWN State OK Zip 73737 Phone (555) 555-5555

NAICS 331210 SIC 3317 TRI ID N/A Memo from DEQ: Memo from Facility

Generate Turnaround Document Download Facility Turnaround Facility Contact Save Changes to Facility Data

County Payne Latitude(N+) 36.124440
Subsection Section 0 Longitude(W-) -97.921070
Township Range

Facility Emission Units: Select to edit
- 1 C-1/EUG-1 Waukesha L402GSI 1,232 Hp S/N 22601
- 2 Boiler

Facility Permits: 2007-915-O iss. 10/31/2007

View Emission Unit Data Add New Emission Unit

Emission Unit Page

Company > Facility > **ABC FACILITY 9015** [Help with this page](#)
[Logout](#) [Delete Emission Unit](#)

<< < 2 > >> of 3

EU ID 22676 Seq # 2 Emission Unit Name EU-2 Boiler Emission Unit Type Boiler Status Operating

Notes from ODEQ: Latitude 36.124440 Longitude -97.940280

Notes from facility: Save Changes to Unit Data Updated? YES

[Help with adding new release point](#) [Delete Emission Release Point](#)

ERP ID 388 Seq # 1 Stack/Emission Release Point Name Boiler Stack Height(ft) 49 Dia(ft) 5.30 Temp (F) 448

Stack/Release Point Type Vertical Status Operating Gas Exit Velocity (ft/second) 18.0370 Flow(acfm) 23877 Provide one or both of these two fields.

Save Changes to Release Point Data Add New Release Point Updated? YES

Processes View Process Data Add New Process

- 10200601 External Combustion Boilers, Natural Gas, > 100 Million Btu/hr

Process Panel

Company > Facility > Emission Unit > **Boiler** [Help with this page](#) [Delete Process](#)
[Logout](#)

EU ID 22676 Emission Unit Name Boiler Is Process Data Confidential? N

Process ID 38066 SCC 10200601 Process Description External Combustion Boilers, Industrial, Natural Gas, > 100 Million Btu/hr

Process Material Natural Gas Material I/O Used (Input)

Process Rates: Maximum Hourly: 0.1130 Typical Daily: 2.72 **Actual Annual: 0**

Units: Million standard cubic feet

Hours/Day 24 Days/Week 7 Weeks/Year 44 **Actual Hours/Year 0**

Seasonal fractions: Spring: 0.30 Summer: 0.30 Fall: 0.30 Winter: 0.10

Combustion Processes Design Capacity 116 Units MMBTU/HR

Fuel Data for Combustion Processes Fuel Heat Content 1020 Units MMBTU/MMSCF % Sulfur 0 % Ash 0

Add New Pollutant Save Changes to Process Data Updated? NO

[Delete Pollutant](#)

Emissions Panel

Company > Facility > Emission Unit >

[Logout](#) Pollutant ID: 162749 1350 Pollutant Description: * Carbon Monoxide CAS: 630080

Actual Emissions 0 Tons [Includes All Excess Emissions]

Calculation Method: AP-42 Factors Emission Factor: 84 Factor Numerator Units: Pounds

Reference: Table 1.4-1 Factor Denominator Units: Million standard cubic feet

Method/Factor includes Control Efficiency?

Control 1: * Uncontrolled Control 1 Efficiency (%): 0 Excess Emissions: 0 Tons

Control 2: * Uncontrolled Control 2 Efficiency (%): 0 Permit/Rule Limit: 0 Tons/yr

Capture Efficiency (%): 0

Save Changes to Pollutant Data Updated? **NO**

$$CO = 673 \text{ MMscf} \times \frac{84 \text{ lbs CO}}{\text{MMscf}} \times \frac{1 \text{ ton}}{2000 \text{ lbs}}$$

$$CO = 28.266 \text{ Tons}$$

Verify Completeness

[Logout](#) **COMPANY INFO AND FACILITIES** [DEQ Contact Info](#)

[Help with this page](#)

ID: 9015 Name: ABC MANUFACTURING

Street: 1234 W 5TH City: ANYTOWN State: OK Zip: 73737

Phone: (555) 555-5555 Fax: (405) 702-4214

Responsible Official & Additional Submission Contact Update Company Data

[Emissions Inventory General Instructions](#)
[Redbud Online Help](#)

Select Facility to Edit:

- ABC FACILITY 9015
- + ABC FACILITY 90151

View Facility Data

Inventory Submittal Status

Inventory is incomplete

After all 2015 data has been entered, it must be verified as complete before proceeding.

Verify Inventory completeness

INVENTORY VERIFICATION RESULTS PAGE

YOUR INVENTORY DATA IS INCOMPLETE!

SUCCESSFUL SUBMITTAL REQUIRES THAT ALL INFORMATION BE UPDATED.
PLEASE USE THE FOLLOWING INFORMATION TO COMPLETE YOUR INVENTORY.

THE FOLLOWING TABLE LISTS THE FACILITIES AND UNITS FOR WHICH THE UNIT INFORMATION WAS NOT UPDATED

FACILITY NAME	UNIT NAME	SEQ #
ABC FACILITY 9015	C-1/EUG-1 Waukesha L402GSI 1,232 Hp S/N 22601	1

THE FOLLOWING TABLE LISTS THE FACILITIES, UNITS, AND STACKS FOR WHICH STACK INFORMATION WAS NOT UPDATED

FACILITY NAME	UNIT NAME	SEQ #	STACK NAME
ABC FACILITY 9015	C-1/EUG-1 Waukesha L402GSI 1,232 Hp S/N 22601	1	C-1/EUG-1 Waukesha L402GSI Stack

THE FOLLOWING TABLE LISTS THE FACILITIES, UNITS, AND PROCESSES FOR WHICH PROCESSES INFORMATION WAS NOT UPDATED

FACILITY NAME	UNIT NAME	SEQ #	PROCESS SCC
ABC FACILITY 9015	C-1/EUG-1 Waukesha L402GSI 1,232 Hp S/N 22601	1	20200253

THE FOLLOWING TABLE LISTS THE FACILITIES, UNITS, AND PROCESSES FOR WHICH SOME EMISSIONS WERE NOT UPDATED

FACILITY NAME	UNIT NAME	SEQ #	PROCESS SCC
ABC FACILITY 9015	C-1/EUG-1 Waukesha L402GSI 1,232 Hp S/N 22601	1	20200253

[Return to Company Page](#)

Emission Unit

Company > Facility > [Help with this page](#)

[Logout](#) [Delete Emission Unit](#)

ABC FACILITY 9015

<< < 1 > >> of 2

EU ID	Seq #	Emission Unit Name	Emission Unit Type	Status	Latitude	Longitude
22675	1	C-1/EUG-1 Waukesha L402GSI 1,232 Hp S/N 22601	Reciprocating IC Engine	Operating	36.12	-95.55

Notes from ODEQ:

Notes from facility:

Save Changes to Unit Data

Updated? **NO**

[Help with adding new release point](#) [Delete Emission Release Point](#)

ERP ID	Seq #	Stack/Emission Release Point Name	Height(ft)	Dia(ft)	Temp (F)
421	1	C-1/EUG-1 Waukesha L402GSI Stack	12	0.67	1055

Stack/Release Point Type: Vertical

Status: Operating

Gas Exit Velocity (ft/second): 254

Flow(acfm): 5377

Provide one or both of these two fields.

<< < 1 > >> of 1

Save Changes to Release Point Data

Add New Release Point

Updated? **NO**

Processes

[View Process Data](#) [Add New Process](#)

- 20200253 Internal Combustion Engines, Natural Gas, 4-cycle Rich Burn

Add New Emission Unit

Company > **ABC MANUFACTURING** [Help with this page](#)
 Logout

FACILITY ABC FACILITY 9015 Facility ID 90151 Status Active

Street 1234 W 5TH City ANYTOWN State OK Zip 73737 Phone (555) 555-5555

NAICS 331210 SIC 3317 TRI ID N/A

Memo from DEQ:
 Memo from Facility:

Generate Turnaround Document Download Facility Turnaround Facility Contact Save Changes to Facility Data

County Payne Latitude(N+) 36.124440
 Subsection Section 0 Longitude(W-) -97.921070
 Township Range

Facility Emission Units:
 Select to edit

+ 1 C-1/EUG-1 Waukesha L402GSI 1,232 Hp S/N 22601
+ 2 Boiler

Facility Permits:
 2007-915-O Iss. 10/31/2007

View Emission Unit Data
Add New Emission Unit

Company > Facility > **ADD EMISSION UNIT and RELEASE POINT** [Help with this](#)
 Logout

ABC FACILITY 9015

EU ID 115820 Seq # 3 Emission Unit Name [X] Emission Unit Type *Information Required Status Unknown

Notes from facility:
 Latitude 36.124440
 Longitude -97.921070

Save New Unit & Release Point
 Cancel and Exit

ERP ID 0 Seq # Stack/Emission Release Point Name

Stack/Release Point Type Unknown Status Unknown

Add New Process Unit

Company > Facility > Emission Unit > **Process >** [Help with this page](#)
 Logout

Unit ID 115860 Unit Name **Paint Booth** Is Process Data Confidential? N

Process ID SCC Process Description

Process Material Unknown
 Material I/O Unknown

Process Rates:
 Maximum Hourly: 0 Typical Daily: 0 Actual Annual: 0
 Units: Please Provide Units

Hours/Day 0 Days/Week 0 Weeks/Year 0 Actual Hours/Year 0

Seasonal fractions: Spring: .25 Summer: .25 Fall: .25 Winter: .25

Combustion Processes:
 Design Capacity 0 Units
 Fuel Data for Combustion Processes:
 Fuel Heat Content 0 Units
 % Sulfur 0 % Ash 0

Save New Process Cancel/Close

Add New Pollutant

Company > Facility > Emission Unit > Process > **Emission >**

[Logout](#)

Process ID: 22675

Pollutant Description:

CAS:

Actual Emissions: **0** Tons
(Includes All Excess Emissions)

Calculation Method: Please provide method

Emission Factor (if used): 0

Factor Numerator Units: Please Provide Units

Factor Denominator Units: Please Provide Units

Reference:

Method/Factor includes Control Efficiency?:

Control 1: Please Select Control

Control 1 Efficiency (%): 0

Control 2: Please Select Control

Control 2 Efficiency (%): 0

Capture Efficiency (%): 0

Excess Emissions: 0 Tons

Permit/Rule Limit: 0 Tons/yr

Trace (<.001 TPY)

Submission Process - Verify Completeness

[Logout](#) **COMPANY INFO AND FACILITIES** [DEQ Contact Info](#)
[Help with this page](#)

ID: 9015 Name: ABC MANUFACTURING

Street: 1234 W 5TH City: ANYTOWN State: OK Zip: 73737

Phone: (555) 555-5555 Fax: (405) 702-4214

Responsible Official & Additional Submission Contact:

[Emissions Inventory General Instructions](#)
[Redbud Online Help](#)

Select Facility to Edit:

- + ABC FACILITY 9015
- + ABC FACILITY 90151

Inventory Submittal Status
Inventory is incomplete
After all 2015 data has been entered, it must be verified as complete before proceeding.

[Logout](#) **COMPANY INFO AND FACILITIES** [DEQ Contact Info](#)
[Help with this page](#)

ID: 9015 Name: ABC MANUFACTURING

Street: 1234 W 5TH City: ANYTOWN State: OK Zip: 73737

Phone: (555) 555-5555 Fax: (405) 702-4214

Responsible Official & Additional Submission Contact:

[Emissions Inventory General Instructions](#)
[Redbud Online Help](#)

Select Facility to Edit:

- + ABC FACILITY 9015
- + ABC FACILITY 90151

Inventory Submittal Status
Inventory is incomplete
After all 2015 data has been entered, it must be verified as complete before proceeding.

Start Submission

[Logout](#) **COMPANY INFO AND FACILITIES** [DEQ Contact Info](#)
[Help with this page](#)

ID: 9015 Name: ABC MANUFACTURING

Street: 1234 W 5TH City: ANYTOWN State: OK Zip: 73737

Phone: (555) 555-5555 x Fax: (405) 702-4214

Responsible Official & Additional Submission Contact: [] Update Company Data: []

[Emissions Inventory General Instructions](#)
[Redbud Online Help](#)

Select Facility to Edit:

- + ABC FACILITY 9015
- + ABC FACILITY 90151

View Facility Data: []

Inventory Submittal Status
Inventory is ready to submit
Data has been verified as complete. Any changes to data will require re-verification.

Review Inventory: []
Start Submission Process: []

[Help with this page](#)

FINAL SUBMISSION AGREEMENT

By selecting the "I Agree" button below, I acknowledge, understand, and agree as follows:

- This electronic reporting system ("System") has been established by the Oklahoma Department of Environmental Quality ("DEQ") for the use of businesses or entities required to file reports or other data pursuant to the laws and rules of the DEQ or pertaining to matters under the jurisdiction of the DEQ.
- Use of this System combined with the user's login and password serves as and constitutes the user's electronic signature for submissions to the System. If a law requires a signature to submit records or other data, an electronic signature satisfies the law. (12A O.S. sec. 15-101 et seq.)
- I am a duly authorized representative of the business or entity submitting an electronic record or data to the DEQ.
- I certify, based on information and belief formed after reasonable inquiry, that the emission inventory data I am submitting is true, accurate, and complete.
- I am free to discontinue this transaction by selecting "I Disagree"; otherwise the records will be submitted to the DEQ and the transaction will be complete.

Cancel: [] I Disagree I Agree Submit Inventory: []

[Logout](#) [DEQ Contact Info](#)

Inventory Submittal Complete!
Return to Company Page for Turn Around Document

Company Page: []

Submitted

[DEQ Contact Info](#)
[Help with this page](#)

COMPANY INFO AND FACILITIES

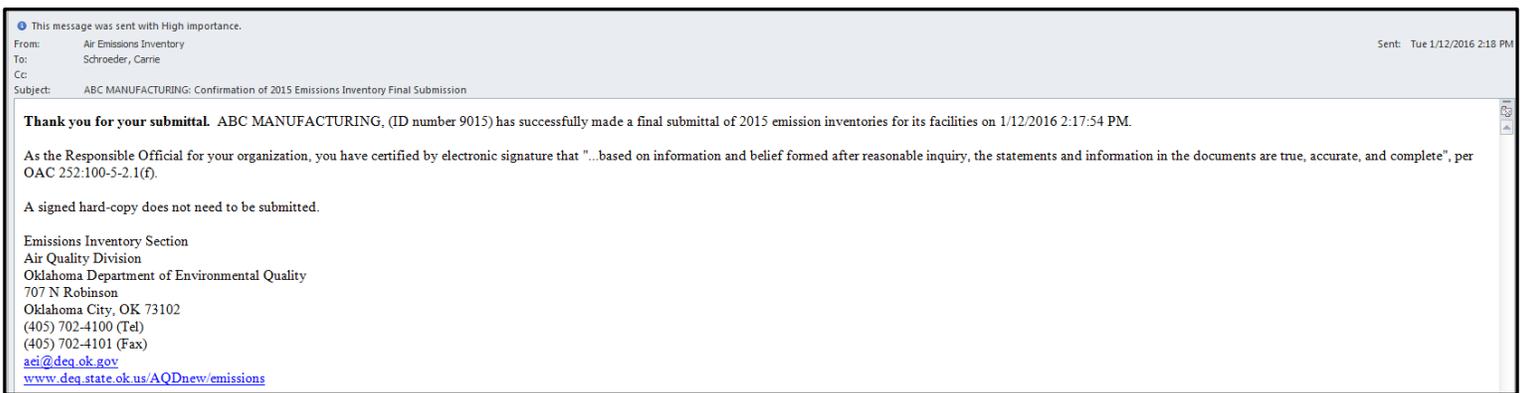
[Logout](#)

ID	Name			
9015	ABC MANUFACTURING			
Street	City	State	Zip	
1234 W 5TH	ANYTOWN	OK	73737	
Phone	Fax			
(555) 555-5555	(405) 702-4214			

Responsible Official & Additional Submission Contact Update Company Data [Emissions Inventory General Instructions](#)
[Redbud Online Help](#)

Select Facility to Edit: + ABC FACILITY 9015 + ABC FACILITY 90151 View Facility Data	Inventory Submittal Status Inventory has been submitted You may still revise submitted inventory data. Revision will require re-verification and re-submittal. Download Final Submission
--	--

Confirmation Email



Inventory Corrections

- Corrections during the reporting season:
 - Make all changes in Redbud & Resubmit.
 - Last submission overwrites any earlier submissions.

- Corrections after the reporting season:
 - Cannot be entered online in Redbud.
 - Download a Turnaround Document (TAD) at any time.
 - Enter all corrections in **Red** on a hardcopy of your TAD.
 - Corrections must be certified by the Responsible Official with an original signature & mailed to our office.
 - The signature page at the end of the Redbud TAD can be used to certify inventory amendments.

2015 AIR EMISSIONS INVENTORY TURN - AROUND DOCUMENT			
<small>Air Quality Division, Dept. of Environmental Quality, PO Box 1677, OKC, OK 73101-1677, (405)702-4100</small>			
<hr/>			
<small>COMPANY NAME: ABC MANUFACTURING</small>			
<hr/>			
<small>"I certify: (a) That I am the Responsible Official for ABC MANUFACTURING as defined in OAC 252:100-1-3, and (b) based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete."</small>			
Printed Name:	_____	Date:	_____
Signature:	_____	Title:	_____
<hr/>			
<small>DEQ Form #100-730</small>	<small>FINAL 2015 EMISSIONS INVENTORY</small>	<small>Final Submission Made: 1/12/2016 2:17 PM</small>	